

ABSTRACT OF THE DISCLOSURE

System and method for client-side RMI-IIOP request load balancing. Embodiments provide a vendor-independent mechanism for load balancing RMI-IIOP requests using standards-based JNDI (Java Naming and Directory Interface) SPIs. One 5 embodiment may use an implementation of a Context Factory class such as the JNDI ContextFactory SPI (Service Provider Interface) for RMI-IIOP request load balancing. Using embodiments, a client may load-balance RMI-IIOP requests to application server instances in an application server cluster. A plurality of client-side Object Request 10 Brokers (ORBs) may be created “up front” on a client system. After the client-side ORBs are initially created, the client-side ORBs may be selected according to a load balancing scheme in response to requests to access the application server. Note that embodiments may be adapted for use in client-side load balancing for other types of client-server systems.